

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

NYC Consumer Protection (DCWP) MCP

Pull real-time NYC business compliance and complaint data.

NYC Consumer Protection (DCWP) MCP gives your AI client direct access to New York City Department of Consumer and Worker Protection records. You can query thousands of consumer complaints, business inspections, administrative charges, and active business licenses without needing an API key. It is a ready-to-use connection for any MCP-compatible client like Claude, Cursor, or Windsurf.

A+ Quality Score 96.67/100

new-york

nyc

dcwp

consumer-complaints

inspections

licenses



The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.

— Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT`https://edge.vinkius.com/{token}/mcp`

Claude



Cursor



VS Code



Windsurf



Grok



Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1)
Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

Get started at cloud.vinkius.com — connect your AI agent in under 60 seconds.

NYC Consumer Protection (DCWP) MCP

8 tools available

Cloud-hosted on Vinkius

You can now give your agent access to the official records of the NYC Department of Consumer and Worker Protection. This MCP lets you pull specific data on business conduct and regulatory compliance across the five boroughs. Instead of digging through web portals, you can ask your AI client to find specific landlord complaints, check the inspection history of a local business, or count how many active licenses exist in a particular category.

The data includes over 76,000 consumer complaints, 290,000 inspections, and 137,000 administrative charges. Because these datasets are massive, the tools use time windows to keep queries fast and relevant. You can look back 90 days for complaints and inspections, or up to a year for administrative charges. This is built for anyone doing local business intelligence, consumer research, or compliance monitoring who needs hard numbers from NYC's regulatory ecosystem.

Core Capabilities

01 — Complaint Analysis

Your agent can identify trending consumer issues by looking at complaint codes and categories.

03 — License Verification

Your AI client can pull counts of active or expired business licenses by category.

02 — Business Auditing

You can check the inspection history and administrative charge records for specific NYC businesses.

04 — Trend Identification

The agent can use top ranking tools to find the most frequent inspection types or complaint types in a window.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/nyc-consumer-protection-dcwp — connect your AI agent in three steps.

- 01
- Subscribe to the NYC Consumer Protection MCP on Vinkius.
- 02
- Connect your preferred MCP-compatible client like Claude or Cursor.
- 03
- Ask your AI client a question about NYC business data.
- 04
- The agent uses the specific DCWP tools to fetch and process the records.
- 05
- Receive the formatted data directly in your chat interface.

Get up and running with NYC data in minutes.

Built For

This MCP is built for professionals who need to verify NYC business legitimacy or track consumer trends.

Consumer Researchers

They use the tool to gather data on business misconduct and complaint patterns.

Compliance Officers

They check inspection statuses and administrative charges to monitor regulatory adherence.

Business Intelligence Analysts

They pull license counts and complaint volumes to map out NYC market competition.

What Changes When You Connect

- 01
- Access NYC regulatory data without managing your own API keys.

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- 02 Query massive datasets using built-in time windows to ensure fast responses.
 - 03 Connect directly to your existing AI workflow in Claude or Cursor.
 - 04 Get exact matches on business categories and complaint codes.
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Real-World Applications

Vetting a Service Provider

Check if a specific landlord or contractor has a history of consumer complaints or failed inspections.

Market Research

Identify which business sectors in NYC are facing the most regulatory scrutiny.

Regulatory Monitoring

Track the frequency of specific inspection types like tobacco sales to minors.

Legal Research

Search for past administrative charges and their outcomes to understand enforcement patterns.

Patterns to Avoid

Broad unconstrained queries

❌ AVOID

Asking your agent to find all consumer complaints ever recorded in NYC history.

✓ INSTEAD

Always define a specific time window to keep results relevant and fast. Use `count_consumer_complaints` to get a sense of volume before diving into specifics.

Vague industry searches

❌ AVOID

Searching for 'bad businesses' to see who is failing inspections.

✓ INSTEAD

Be specific about the business name or category. Use `search_consumer_complaints` to find exact records for a particular entity.

Ignoring license status

❌ AVOID

Assuming a business is compliant just because they appear in a search.

✓ INSTEAD

Verify their current standing by using `top_license_categories` to filter by active or expired status.

The Right Fit

Connect this MCP if you need to perform vendor due diligence or market risk assessments using real NYC regulatory data. Do not connect it if you are looking for real-time consumer sentiment or social media trends. The decision rests on whether your research requires official DCWP records rather than public opinion.

NYC Consumer Protection DCWP 8 Tools

This MCP provides direct access to NYC regulatory datasets, including consumer complaints, business inspections, and administrative charges.

#	TOOL	DESCRIPTION
01	count_consumer_complaints	This tool counts DCWP consumer complaints within a specific timeframe. Use it to see the scale of complaints in a window before running a more detailed search.
02	search_consumer_complaints	This tool searches the DCWP consumer complaint database. It returns the business category, name, complaint code, and result for specific businesses or categories.
03	search_dcwp_charges	This tool searches DCWP administrative charges. It provides details on violation dates, charge text, and the outcome of the case.
04	search_dcwp_inspections	This tool searches DCWP business inspections. It returns the business name, category, address, and inspection status.
05	top_complaint_categories	This tool identifies the business categories with the highest number of complaints in a given window.
06	top_complaint_codes	This tool lists the most frequent complaint codes reported by consumers within a specific timeframe.
07	top_dcwp_inspection_types	This tool ranks the most common types of DCWP inspections occurring within a selected window.
08	top_license_categories	This tool aggregates the number of issued business licenses by category across NYC.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

What landlord complaints have DCWP received in the past 90 days?



The search returns landlord and real estate agent complaints from the last 90 days, including the specific complaint codes and the results for each case.

Which tobacco inspections did DCWP run most recently?



The inspection search shows recent tobacco sale to minor inspections, including the business names, addresses, and current inspection status.

Which business categories hold the most active DCWP licenses?



The license category tool shows that categories like Home Improvement Contractors and Tobacco Retail Dealers have the highest counts of active licenses.

Frequently Asked Questions

01 Do I need an API key to use this MCP?

No. Vinkius hosts the connection and manages the access, so you can use the tools immediately without a personal API key.

02 How recent is the data?

The data is subject to a lag. Complaints and inspections typically trail the current date by a few weeks, while administrative charges may trail by a few months.

03 How do I filter for specific business types?

You can use the search tools with specific category names. It is best to use the top ranking tools first to find the exact category names used in the database.

04 What is the default time window for searches?

By default, complaint and inspection searches look back 90 days, while administrative charge searches look back 365 days.

05 Can I see if a business license is active?

Yes. You can use the license category tool and filter by status to see active or expired licenses.

06 Do I need an API key?

No. NYC Open Data serves all public datasets anonymously over its SODA API (data.cityofnewyork.us). This MCP defines no credentials and needs nothing configured.

07 Do the text filters ignore case or match partial values?

No. The NYC data platform only supports exact-match filters, so a filter value must equal the stored value. In this MCP, business categories are stored as listed (e.g. "Landlord or Real Estate Agent", "Tobacco Retail Dealer"), complaint codes as e.g. "Unlicensed" or "Sidewalk Blocked", outcomes as "Default Decision", "Pleaded" or "Hearing Decision", and license statuses as "Active" or "Expired". Use the top_* ranking tools, or a search tool with no filters, to see the exact stored values before filtering.

08 Why do the complaint and inspection tools use a date window?

The complaints table holds about 76,000 records, the inspections table about 290,000 and the charges table about 137,000. Every search and ranking is therefore scoped to a window: 90 days back by default (max 365) for complaints and inspections, 365 days back by default for charges. The count tool gives the window size before you list.

09 How current is the data?

The tables publish with a lag: the most recent consumer-complaint and inspection records trail today's date by a few weeks, and the charge records by a few months. Queries are keyed on the record's own date, so a default 90-day window returns what is currently published for that period.

Go Live in 60 Seconds

Get your connection token from cloud.vinkius.com, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

`https://edge.vinkius.com/[TOKEN]/mcp`

CLIENT	WHERE TO CONFIGURE
 Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 Cursor	Settings → Features → MCP Servers → "+" Add New MCP Server" → Type: SSE → Paste endpoint
 VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"nyc-consumer-protection-dcwp": { "url": "..." }</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
 Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

-  Ask ChatGPT 
-  Ask Claude 
-  Ask Perplexity 
-  Ask Gemini 
-  Ask Grok 

READY TO CONNECT

NYC Consumer Protection (DCWP) is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

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